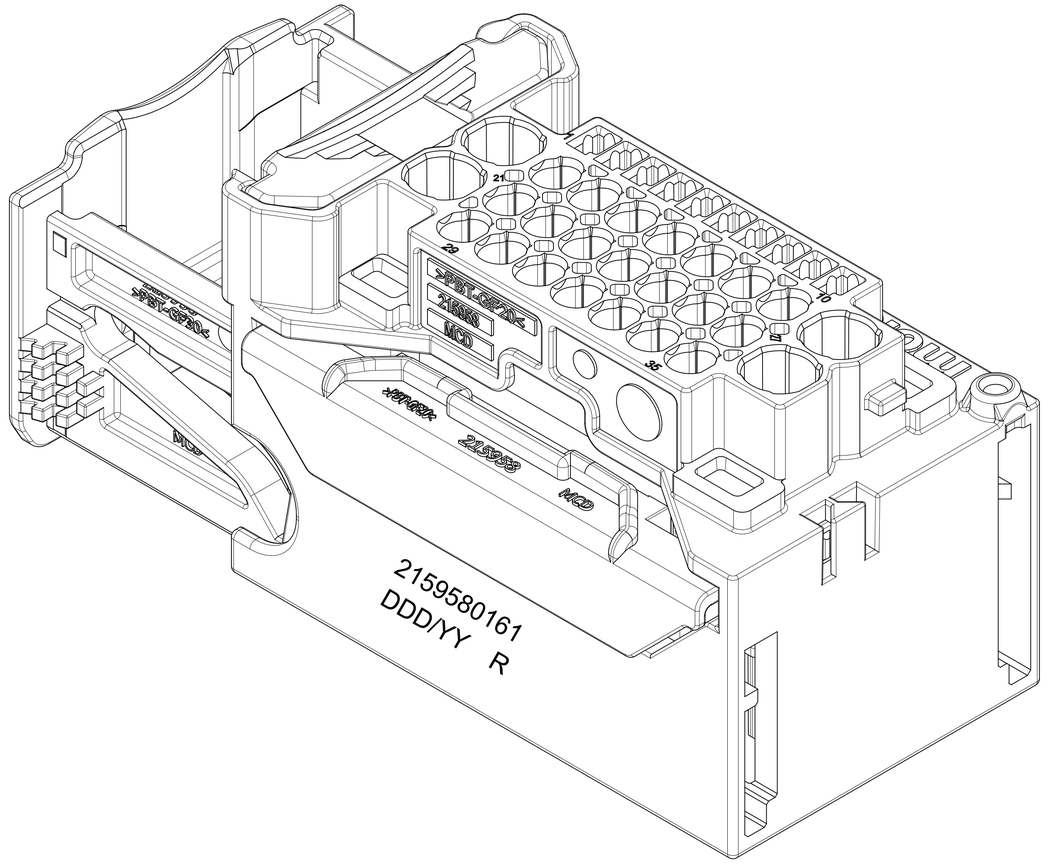
MODIFICATIONS			
REV.	DESCRIPTIONS	NAME	DATE
A	FIRST RELEASE	DHG	2023-03-02
A1	DIM A.7 FROM 2.7 +/-0.075 TO 2.7 +/-0.08 FROM RESTRICTED PRODUCT SALES DRAWING TO PRODUCT SALES DRAWING REATTACH x 2 DIM 25 MIN IN FULLY MATED POSITION	VJ	2023-07-26
A2	SHEET 3 : ADD ASSOCIATED PARTS TABLE WITH SUPPLIER P/N	VJ	2024-02-21



NOTES:

1. GENERAL:
   - 1.1 PRODUCT SPECIFICATION: 2159580000-PS
   - 1.2 TEST SUMMARY: XXXXXXXXXX-TS
   - 1.3 APPLICATION SPECIFICATION: 2159580000-AS
   - 1.4 PACKAGING SPECIFICATION: 2159580150-PK
   - 1.5 COSMETIC SPECIFICATION: PS-45499-002 CLASS B
   - 1.6 MATES WITH : BLADE CONNECTOR DRAWING 2159580250-SD
   - 1.7 CONNECTOR MATING FORCE ALLOWED : 60 N MAXI
   - 1.8 WEIGHT (GRAMS) : 27.0 g
   - 1.9 THE RCPT HOUSING SHOWN IS KEYING A

2. DESIGN - MATERIALS:
   SEE TABLE ON SHEET N°3

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DIMENSION UNITS	SCALE
mm	2.5:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 2°
4 PLACES	± 0.03000
3 PLACES	± 0.0300
2 PLACES	± 0.050
1 PLACE	± 0.10
0 PLACES	± 0.15
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: SEE REVISION TABLE

STATUS: Production
DRWN: Valerie Jouas 2024-02-21
CHK'D: OlivierPlessis 2024-02-28
APPR: Matthieu Huguet 2024-02-28

molex

35CKT HYB STD_ASSY RCPT HSG

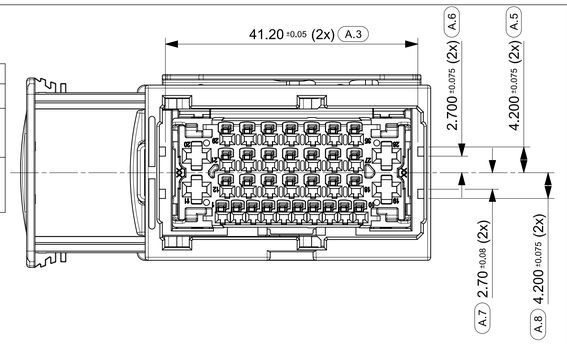
PRODUCT SALES DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2159580150-SD	PSD	000	A2

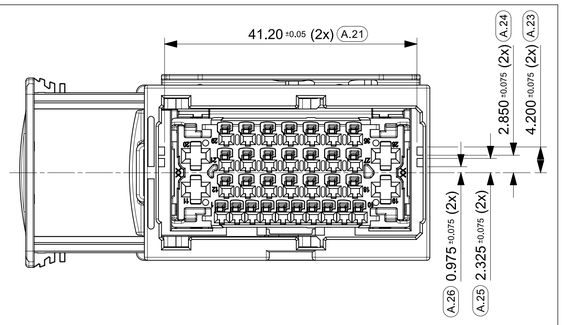
FIRST ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A1-SIZE	215958	SEE SHEET 3	GENERAL MARKET	1 OF 4

KEYING DEFINITION

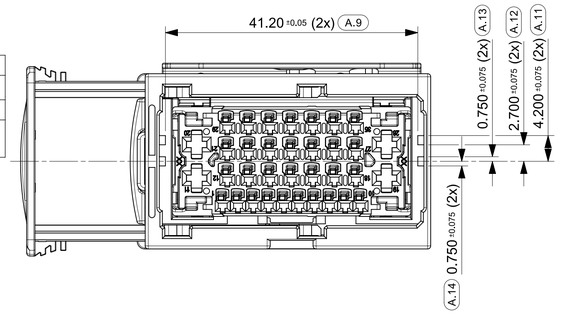
KEYING	A
MOLEX PART NUMBER	2159580161
COLOR	NATURAL WHITE
COMPATIBLE WITH BLADE HOUSING COLOR	NATURAL WHITE



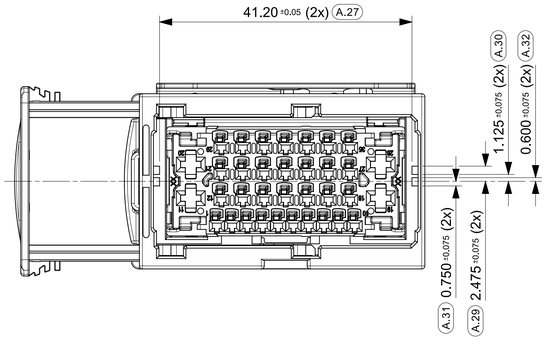
KEYING	D
MOLEX PART NUMBER	2159580164
COLOR	BLUE
COMPATIBLE WITH BLADE HOUSING COLOR	BLUE



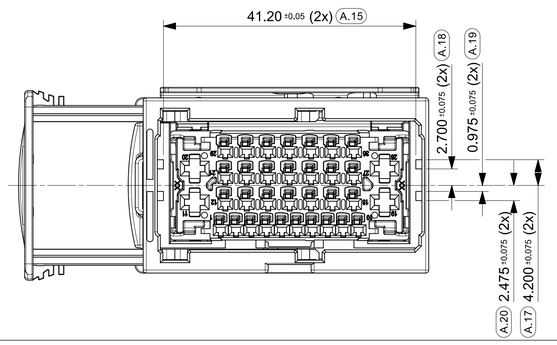
KEYING	B
MOLEX PART NUMBER	2159580162
COLOR	BLACK
COMPATIBLE WITH BLADE HOUSING COLOR	BLACK



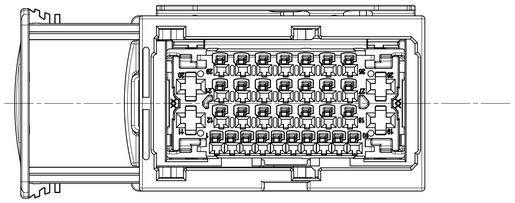
KEYING	E
MOLEX PART NUMBER	2159580165
COLOR	BROWN
COMPATIBLE WITH BLADE HOUSING COLOR	BROWN



KEYING	C
MOLEX PART NUMBER	2159580163
COLOR	GRAY
COMPATIBLE WITH BLADE HOUSING COLOR	GRAY



KEYING	Z
MOLEX PART NUMBER	2159580169
COLOR	PURPLE
COMPATIBLE WITH BLADE HOUSING COLOR	PURPLE



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DIMENSION UNITS	SCALE
mm	2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 2°
4 PLACES	± 0.03000
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1 PLACE	± 0.10
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: SEE REVISION TABLE

STATUS: Production

DRWN: Valerie Jouas 2024-02-21

CHK'D: OlivierPlessis 2024-02-28

APPR: Matthieu Huguet 2024-02-28

FIRST ANGLE PROJECTION | DRAWING: A1-SIZE | SERIES: 215958

molex

35CKT HYB STD_ASSY RCPT HSG

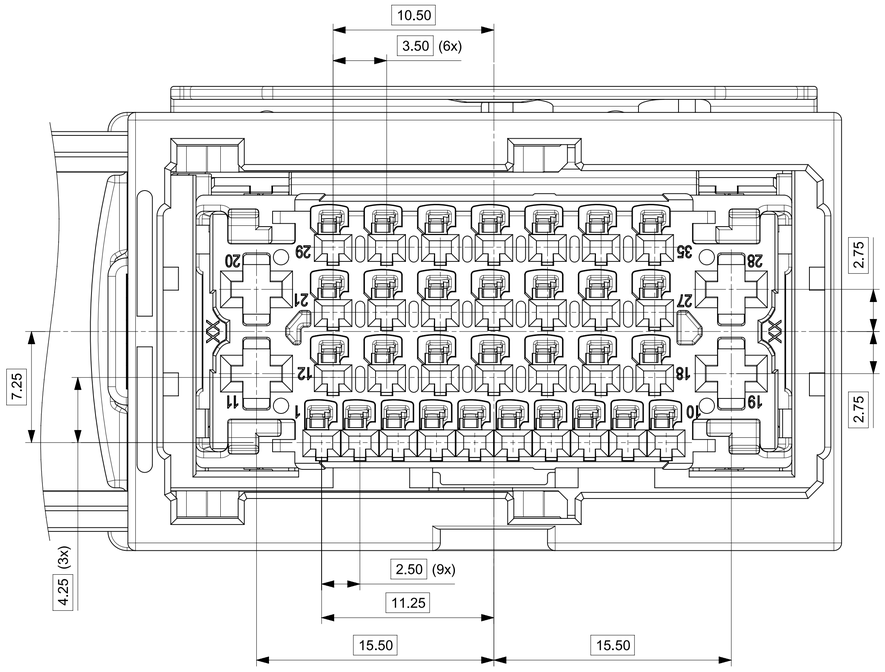
PRODUCT SALES DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2159580150-SD	PSD	000	A2

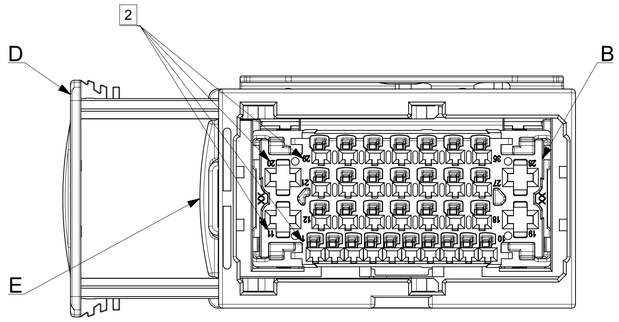
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 3	GENERAL MARKET	2 OF 4

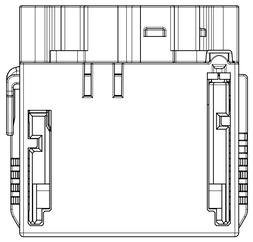
FORMAT TEMPLATE
REVISION: B
DATE: 20220531

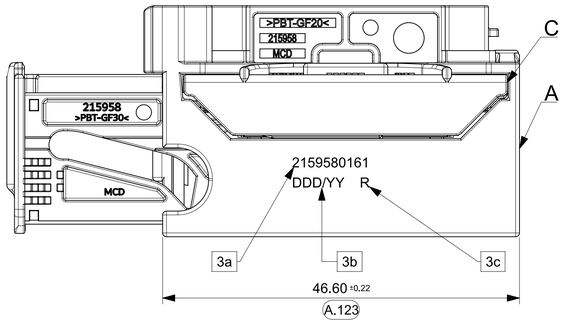
CAVITIES LOCATION

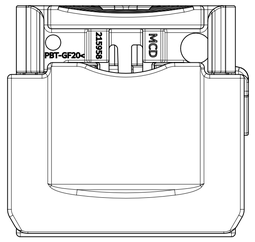


PRODUCT DEFINITION

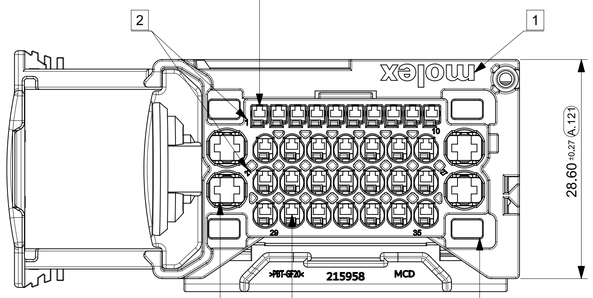








10x AK 120 CAVITIES SECTION 0.75 mm² MAX
(TERMINAL CAVITIES N° 1 TO 10)



4x ULTRASONIC WELDINGS

4x MCP 280 CAVITIES
(TERMINAL CAVITIES 11, 19, 20 AND 28)

21x AK 120 CAVITIES SECTION 1.5 mm² MAX
(TERMINAL CAVITIES 12 TO 18, 21 TO 27 AND 29 TO 35)

COMPONENTS

POS.	QTY	DESCRIPTION	MATERIAL	COLOR
A	1	35CKT HYB STD RCPT CONN HSG	PBT-GF20	FOLLOWING KEYING
B	1	35CKT HYB STD RCPT TERM HSG	PBT-GF20	BLACK
C	1	35CKT HYB STD RCPT ISL	PBT-GF20	NATURAL-WHITE FOR KEYINGS B C D E AND Z
				BLACK FOR KEYING A
D	1	SLIDER	PBT-GF30	BLACK
E	1	CPA	PBT-GF20	RED

ASSOCIATED PARTS

DESCRIPTION	SECTION (mm²)	SUPPLIER P/N	PLATING
OCS 120 FEMALE TERMINAL APTIV (DELPHI)	0.13 - 0.22	33265283	TIN
	0.35 - 0.50	33265287	
	0.75 - 1.00	33265290	
	1.50	33265291	
MCON 1.2 FEMALE TERMINAL CB TE	0.35	1534594-1	
	0.5 - 0.75	1670144-1	
	1.00 -1.50	1452503-1	
MCP 280 FEMALE TERMINAL TE	0.35 - 0.50	1-968880-1	
	0.75 - 1.00	1-968849-1	
	1.50 - 2.50	1-968851-1	
	3.00 - 4.00	1-968853-1	

MARKINGS

1 TRADE MARK

2 CAVITY ID

3 ASSY RECEPTACLE HOUSING LASER MARKING

3a PART NUMBER

3b DAY / YEAR

3c MATED CONNECTOR REVISION

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mm	2.5:1

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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: SEE REVISION TABLE

STATUS: Production

DRWN:	Valerie Jouas	2024-02-21
CHK'D:	OlivierPlessis	2024-02-28
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molex

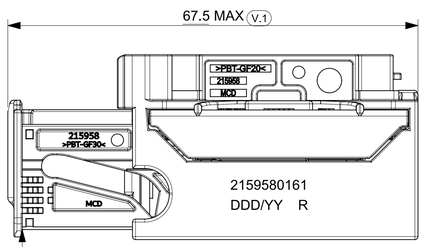
35CKT HYB STD_ASSY RCPT HSG

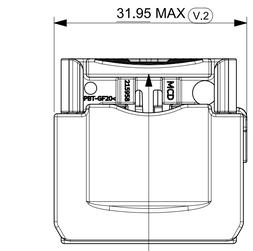
PRODUCT SALES DRAWING

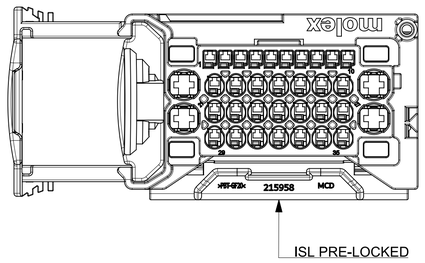
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2159580150-SD	PSD	000	A2

FIRST ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A1-SIZE	215958	SEE TABLE	GENERAL MARKET	3 OF 4

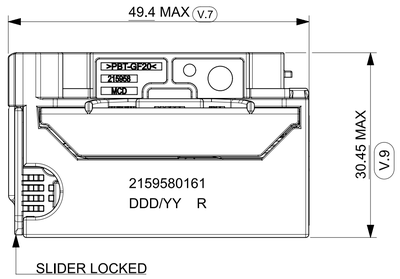
OVERALL RECEPTACLE HOUSING DIMENSIONS
DELIVERY POSITION

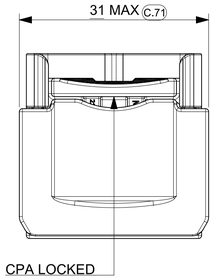


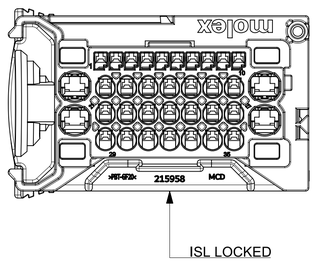


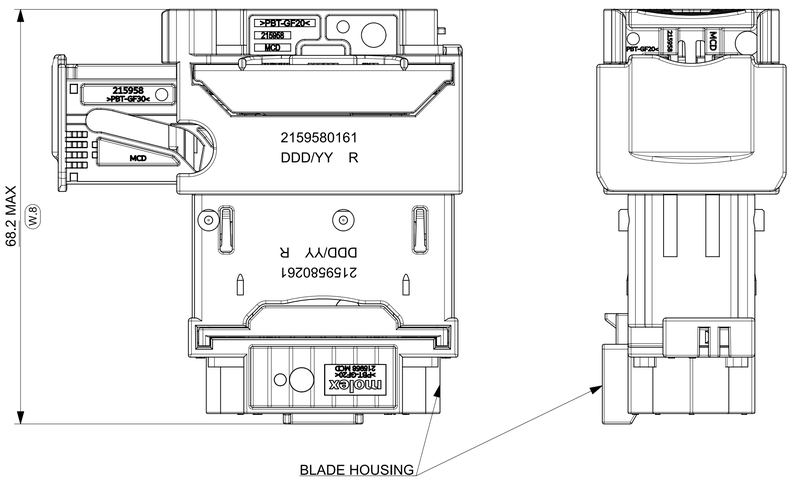


OVERALL RECEPTACLE HOUSING DIMENSIONS
ISL LOCKED / SLIDER LOCKED / CPA LOCKED

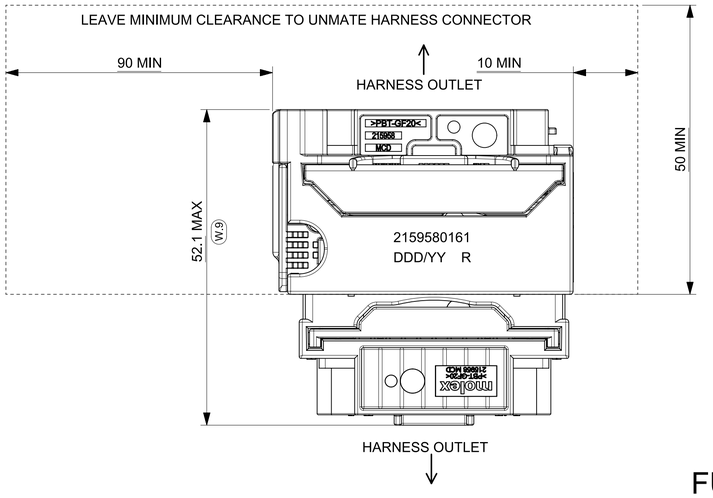


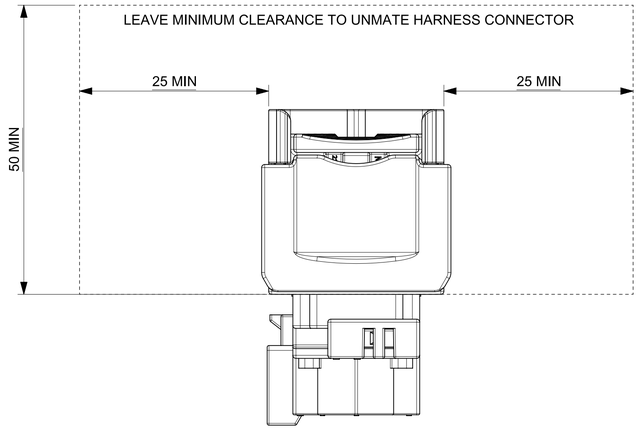






BEFORE MATING POSITION





FULLY MATED POSITION

OVERALL RECEPTACLE HOUSING ON BLADE HOUSING DIMENSIONS

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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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35CKT HYB STD_ASSY RCPT HSG

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FIRST ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A1-SIZE	215958	SEE SHEET 3	GENERAL MARKET	4 OF 4